

W/cook
11/22/04

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(FILE 'HOME' ENTERED AT 22:30:07 ON 22 NOV 2004)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, CANCERLIT, JAPIO' ENTERED AT
22:30:28 ON 22 NOV 2004

L1	0 S (CB 10 PEPTIDE)
L2	216 S (CB10)
L3	115 S L2 AND PEPTIDE?
L4	100 S L3 AND COLLAGEN?
L5	34 S L4 AND ANTIB?
L6	2 S L5 AND KIT?
L7	2 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8	16 DUPLICATE REMOVE L5 (18 DUPLICATES REMOVED)

=>

on STN

AN 91106346 EMBASE

DN 1991106346

TI The role of **collagen** conformation in type II anticollagen immunity in rheumatoid arthritis.

AU Boissier M.C.; Chiocchia G.; Fournier C.

CS Departement de Rhumatologie, Hopital Avicenne, Bobigny, France

SO Revue du Rhumatisme et des Maladies Osteo-Articulaires, (1991) 58/1 (19-24).

ISSN: 0035-2659 CODEN: RRMOA2

CY France

DT Journal; Article

FS 031 Arthritis and Rheumatism

LA French

SL English; Spanish; German

AB Type II anticollagen (CII) autoimmunity is a frequently reported, but non-specific, phenomenon in rheumatoid arthritis (RA). The authors show that in 88 sera samples from patients suffering from RA, the incidence of **antibodies** targeted against endogenous human CII was the same as that found for 149 control blood donors (14.8% versus 11.4%). However, a significant difference was found for the incidence of **antibodies** targeted against the α -chains of CII (26.1% versus 6.0%, $p < 0.001$). As a result of investigating the specificity of the anti-CII **antibodies** in greater detail by means of an immunoprinting of the CII **peptide** fragments obtained after splitting the molecule by cyanogen bromide, the authors have demonstrated that the largest CII **peptides** (CB10 and CB11) were better recognized than the smaller **peptides** (CB8, CB9.7), with no significant difference between PR and control plasmas. Using competitive methods, evidence was obtained in support of heterogeneous recognition by the anti-CII **antibodies**: some recognize conformational determinants only, whereas others are targeted against the primary sequences of the α -1 (II) chain.

CT Medical Descriptors:

*rheumatoid arthritis: ET, etiology

adult

article

autoimmunity

controlled study

female

human

human tissue

immunoblotting

major clinical study

male

Drug Descriptors:

collagen type 2

*antibody

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AN 1992:455101 BIOSIS

DN PREV199294096501; BA94:96501

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PEPTIDES PURIFIED FROM HETEROLOGOUS AND HOMOLOGOUS TYPE II
COLLAGENS.

AU CREMER M A [Reprint author]; TERATO K; WATSON W C; GRIFFITHS M M; TOWNES A
S; KANG A H

CS RES SERV 151 , VETERANS ADM MED CENT, 1030 JEFFERSON AVE, MEMPHIS, TENN
38104, USA

SO Journal of Immunology, (1992) Vol. 149, No. 3, pp. 1045-1053.
CODEN: JOIMA3. ISSN: 0022-1767.

DT Article

FS BA

LA ENGLISH

ED Entered STN: 7 Oct 1992

Last Updated on STN: 8 Oct 1992

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Biochemistry studies - Proteins, peptides and amino acids 10064

Pathology - Inflammation and inflammatory disease 12508

Bones, joints, fasciae, connective and adipose tissue - Pathology 18006

Immunology - Immunopathology, tissue immunology 34508

IT Major Concepts

Genetics; Immune System (Chemical Coordination and Homeostasis);

Skeletal System (Movement and Support)

ORGN Classifier

Muridae 86375

Super Taxa

Rodentia; Mammalia; Vertebrata; Chordata; Animalia

Taxa Notes

Animals, Chordates, Mammals, Nonhuman Vertebrates, Nonhuman Mammals,

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